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PTO/SB/17 (07-06)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		<b>Complete if Known</b>	
		Application Number	10/551,931
		Filing Date	October 5, 2005
		First Named Inventor	Zhiguo SU
		Examiner Name	To be assigned
		Art Unit	1653
		Attorney Docket No.	73063-234070 (was 37137-224348)
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT	(\$)	0	

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: <u>22-0261</u> Deposit Account Name: <u>Venable</u>
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below	<input checked="" type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<u>Small Entity</u>		<u>Small Entity</u>		<u>Small Entity</u>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
						<u>Small Entity</u>	
<b>Fee Description</b>						<b>Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>		
_____ - 20 = _____		x _____			<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>
HP = highest number of total claims paid for, if greater than 20.							
<b>Indep. Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
_____ - 3 = _____		x _____					
HP = highest number of independent claims paid for, if greater than 3.							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>		
_____ - 100 = _____	/50	_____ (round up to a whole number) x _____		= _____			
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): _____							

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	57,400
Name (Print/Type)	Manni Li	Telephone	(202) 344-8119
		Date	December 29, 2006

doc 815863



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: **Zhiguo SU *et al.*** )  
Serial No. **10/551,931** ) Group Art Unit: **1653**  
Filing Date: **October 5, 2005** ) Examiner: **To be assigned**  
For: **HEMOGLOBIN CONJUGATE** ) Customer No.  
**AND THE PREPARATION** ) **26694**  
**METHOD AND ITS USE** ) PATENT TRADEMARK OFFICE  
Atty. Docket No. **73063-234070** )  
**(formally 37137-224348)** )

December 29, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

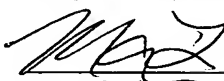
Sir:

Applicants request that the USPTO correct the international filing date for the PCT application PCT/CN04/00091 as shown in the filing receipt. As indicated in the Application data sheet and Declaration and Power of Attorney filed together with the subject application, the correct filing date is **February 2, 2004**. Copies of the Application Data Sheet, Declaration and Power of Attorney, and a copy of the filing receipt marked with the correction are enclosed.

No fee is believed to be due. Should any fee be required, please charge the same to deposit account number 22-0261 and notify the Applicants' attorney.

Respectfully submitted,

Date: December 29, 2006

  
Manni Li (Reg. No. 57,400)  
Venable LLP, P.O. Box 34385  
Washington, D.C. 20043-9998  
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## UNITED STATES PATENT AND TRADEMARK OFFICE



M/ZL

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/551,931	10/05/2005	1653	450	37137-224348	4	11	1

CONFIRMATION NO. 6508

26694  
 VENABLE LLP  
 P.O. BOX 34385  
 WASHINGTON, DC 20045-9998

## FILING RECEIPT



\*OC000000019726482\*

Date Mailed: 07/25/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Zhiguo Su, Beijing, CHINA;  
 Lu Xiuling, Beijing, CHINA;  
 Zheng Chunyang, Beijing, CHINA;  
 Xu Yuhong, Beijing, CHINA;

**Power of Attorney:** The patent practitioners associated with Customer Number 26694.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/CN04/00091 ~~10/05/2005~~ February 2, 2004

## Foreign Applications

CHINA 03109622.0 04/09/2003

If Required, Foreign Filing License Granted: 07/22/2006

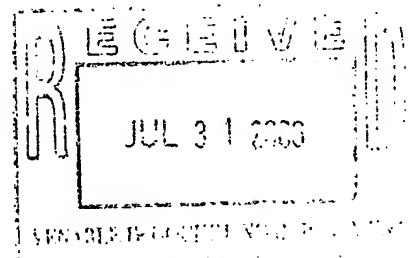
The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/551,931**

Projected Publication Date: 11/02/2006

Non-Publication Request: No

Early Publication Request: No

**\*\* SMALL ENTITY \*\***



**Title**

Hemoglobin conjugate and the preparation method and its use

**Preliminary Class**

530

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



**DECLARATION FOR UNITED STATES PATENT APPLICATION  
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS**

- Page 1 of 2 -

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled CONJUGATE OF HEMOGLOBIN WITH HUMAN SERUM ALBUMIN AND ITS PROCESS OF PREPARATION the specification of which

[ X ] is attached hereto.  
 [ ] was filed on \_\_\_\_\_, as Application Serial No. \_\_\_\_\_, and was amended on \_\_\_\_\_ [if applicable].  
 [ X ] was filed under the Patent Cooperation Treaty on February 2, 2004 Serial No. PCT/CN2004/000091  
 the United States of America being designated, and was amended on \_\_\_\_\_ [if applicable].

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) of §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed
03109622.0	P.R. China	April 9, 2003	Yes

I HEREBY CLAIM the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Patent Application Number	PCT Patent Application Number	Patent Application Filing Date	Parent Patent Number
	PCT/CN2004/000091	February 2, 2004	

DECLARATION FOR UNITED STATES PATENT APPLICATION  
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

I hereby appoint the registered attorneys and agents of VENABLE associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

26694

PATENT TRADEMARK OFFICE

VENABLE is located at 575 - 7<sup>th</sup> Street, N.W., Washington, D.C. 20004-1601. Telephone: (202) 344-4000, Telefax: (202) 344-8300. Address all correspondence to VENABLE, Post Office Box 34385, Washington, D.C. 20043-9998.

The undersigned hereby authorizes the registered U.S. attorneys and agents identified herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the registered U.S. attorneys and agents identified herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature: \_\_\_\_\_

Second Inventor: \_\_\_\_\_

Zhiguo, Su

Citizenship: \_\_\_\_\_

P.R. China

Residence and Post Office Address: No. 1 Bei Er Tiao, Zhongguancun, Haidian District, Beijing 100080

Date: Sep. 28, 2005 2005.

Signature: \_\_\_\_\_

First/Sole Inventor: \_\_\_\_\_

Xiuling, Lu

Citizenship: \_\_\_\_\_

P.R. China

Residence and Post Office Address: No. 1 Bei Er Tiao, Zhongguancun, Haidian District, Beijing 100080

Date: Sep. 28, 2005 2005.

Signature: \_\_\_\_\_

First/Sole Inventor: \_\_\_\_\_

Chunyang, Zheng

Citizenship: \_\_\_\_\_

P.R. China

Residence and Post Office Address: No. 1 Bei Er Tiao, Zhongguancun, Haidian District, Beijing 100080

Date: Sep. 29, 2005 2005.

Signature: \_\_\_\_\_

First/Sole Inventor: \_\_\_\_\_

Yuhong, Xu

Citizenship: \_\_\_\_\_

P.R. China

Residence and Post Office Address: No. 1 Bei Er Tiao, Zhongguancun, Haidian District, Beijing 100080

Date: Sep. 29, 2005 2005.



## **APPLICATION DATA SHEET**

### **Application Information**

<b>Application Number::</b>	To be assigned
<b>Filing Date::</b>	October 5, 2005
<b>Application Type::</b>	Regular
<b>Subject Matter::</b>	Utility
<b>Suggested Classification::</b>	
<b>Suggested Group Art Unit::</b>	
<b>CD-ROM or CD-R?::</b>	
<b>Number of CD Disks::</b>	
<b>Number of Copies of CDs::</b>	
<b>Sequence Submission?::</b>	
<b>Computer Readable Form (CFR)?::</b>	
<b>Number of Copies of CFR::</b>	
<b>Title::</b>	CONJUGATE OF HEMOGLOBIN WITH HUMAN SERUM ALBUMIN AND ITS PROCESS OF PREPARATION
<b>Attorney Docket Number::</b>	37137-224348
<b>Request for Early Publication?::</b>	
<b>Request for Non-Publication?::</b>	
<b>Suggested Drawing Figure::</b>	1
<b>Total Drawing Sheets::</b>	4
<b>Small Entity?::</b>	YES
<b>Latin Name::</b>	
<b>Variety Denomination Name::</b>	
<b>Petition Included?::</b>	
<b>Petition Type::</b>	
<b>Licensed US Govt. Agency::</b>	
<b>Contract or Grant Numbers::</b>	
<b>Secrecy Order in Parent Appl.::</b>	



## **Applicant Information**

**Applicant Authority Type::** Inventor  
**Primary Citizenship::** Chinese  
**Country::** P.R. China  
**Status::** Full Capacity  
**Given Name::** Zhiguo  
**Middle Name::**  
**Family Name::** Su  
**Name Suffix::**  
**City of Residence::** Beijing  
**State or Province of Residence::**  
**Country of Residence::** P.R. China  
**Street of Mailing Address::** No. 1 Bei Er Tiao, Zhongguancun, Haidian District  
**City of Mailing Address::** Beijing  
**State or Province of Mailing Address::**  
**Country of Mailing Address::** P.R. China  
**Postal or Zip Code of Mailing Address::** 100080

**Applicant Authority Type::** Inventor  
**Primary Citizenship::** Chinese  
**Country::** P.R. China  
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**Given Name::** Xiuling  
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**State or Province of Residence::**  
**Country of Residence::** P.R. China  
**Street of Mailing Address::** No. 1 Bei Er Tiao, Zhongguancun, Haidian District

**City of Mailing Address::** Beijing  
**State or Province of Mailing Address::**  
**Country of Mailing Address::** P.R. China  
**Postal or Zip Code of Mailing Address::** 100080

**Applicant Authority Type::** Inventor  
**Primary Citizenship::** Chinese  
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**Status::** Full Capacity  
**Given Name::** Chunyang

**Middle Name::**  
**Family Name::** Zheng  
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**Applicant Authority Type::** Inventor  
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**Country::** P.R. China  
**Status::** Full Capacity  
**Given Name::** Yuhong  
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**Family Name::** Xu

**Name Suffix::**

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**Street of Mailing Address::** No. 1 Bei Er Tiao, Zhongguancun, Haidian District

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**State or Province of Mailing Address::**

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### **Correspondence Information**

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**Fax Number::** 202-344-8300

**E-Mail Address::** mli@venable.com

### **Representative Information**

**Representative Customer Number::** 26694

### **Domestic Priority Information**

<b>Application::</b>	<b>Continuity Type::</b>	<b>Parent Application::</b>	<b>Parent Filing Date::</b>
	Continuation of		
	Continuation of		
	Continuation of		
	Continuation of		

## Foreign Priority Information

Country::	Application Number::	Filing Date::	Priority Claimed::
PCT	PCT/CN2004/000091	February 2, 2004	YES
China	03109622.0	April 9, 2003	YES

## Assignee Information

**Assignee Name::** INSTITUTE OF PROCESS ENGINEERING  
CHINESE ACADEMY OF SCIENCES

**Street of Mailing Address::** No. 1 Bei Er Tiao, Zhongguancun, Haidian District

**City of Mailing Address::** Beijing

**State or Province of Mailing Address::**

**Country of Mailing Address::** P.R. China

**Postal or Zip Code of Mailing Address::** 100080

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